

Converting Colors

YUV(95.5130, 28.3411,
-83.7649)

Have a look what the booklet for
YUV(95.5130, 28.3411, -83.7649)
contains.

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Color

**YUV(95.5130, 28.3411,
-83.7649)**

Conversions

Conversions Part 1

Format	Color
Hex	008599
RGB	0, 133, 153
RGB Percent	0%, 52%, 60%
CMY	1.0000, 0.4784, 0.4000
CMYK	1.00, 0.13, 0.00, 0.40
HSL	188°, 100%, 30%
HSV	188°, 100%, 60%
XYZ	14.1373, 19.0750, 33.0737
YIQ	95.5130, -85.6880, -21.9760

Conversions

Conversions Part 2

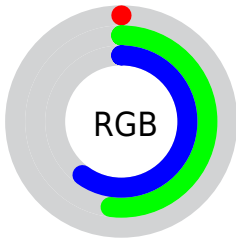
Format	Color
RYB	0, 71, 153
Decimal	34201
CIELab	50.77, -22.90, -19.31
CIELCh	51, 29.960, 220.140
Yxy	19.0750, 0.2133, 0.2878
Android (android.graphics.Color)	4278224281 (0xFF008599)
YUV	95.5130, 28.3411, -83.7649
Hunter-Lab	43.6749, -18.6517, -14.3261

Details

The YUV color **95.5130, 28.3411, -83.7649** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **57.4870, -28.3411, 83.7649**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7930, 23.7661, -62.9625**, and **60.3490, 20.5339, -52.9261** is the 20% darker color. If you saturate the color by 10%, you get **95.5130, 28.3411, -83.7649**, and if you desaturate by 10%, it is **101.1720, 25.5512, -75.5728**.

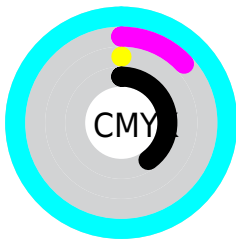
Distribution



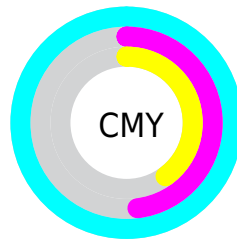
- Red (0%)
- Green (52%)
- Blue (60%)



- Red (0%)
- Yellow (28%)
- Blue (60%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5130, 28.3411, -83.7649 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 95.5130, 28.3411, -83.7649 by changing the saturation by 10% instead.

95.5130, 28.3411,
-83.7649

95.5130, 28.3411,
-83.7649

255.0000, 0.0000,
0.0000

77.8740, 24.2191,
-68.2955

158.7930, 23.7661,
-62.9625

60.3490, 20.5339,
-52.9261

187.5050, 23.9080,
-61.8329

44.1120, 16.7068,
-38.6862

215.6640, 19.3926,
-60.2183

28.5760, 13.0270,
-25.0612

231.3790, 11.6452,
-48.5674

7.9850, 12.8254,
-7.0028

240.3490, 7.2229,
-30.1241

0.9120, 3.4944,
-0.7998

249.3190, 2.8007,

0.0000, 0.0000,

-11.6808

0.0000

■ 95.5130, 28.3411,
-83.7649

■ 101.1720, 25.5512,
-75.5728

■ 107.1300, 22.6139,
-66.7660

■ 112.7890, 19.8240,
-58.5740

■ 118.4480, 17.0341,
-50.3819

■ 124.4060, 14.0968,
-41.5751

■ 130.0650, 11.3070,
-33.3830

■ 135.7240, 8.5171,
-25.1909

■ 141.3830, 5.7272,
-16.9989

■ 147.3410, 2.7899,
-8.1921

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



102.9210, 12.8569, -63.9517



95.5130, 28.3411, -83.7649



109.8360, 28.6749, -50.7222

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.5130, 28.3411, -83.7649



124.1470, 7.3225, 31.4431



118.1650, -23.7453, 9.5023

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95.5130, 28.3411, -83.7649



57.4870, -28.3411, 83.7649

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



120.1010, -23.2208, 27.9754



95.5130, 28.3411, -83.7649



122.9990, -4.9295, 41.2199

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.5130, 28.3411, -83.7649



123.7620, 17.8653, 9.8557



121.7140, -16.1280, 39.7158



115.1560, -16.8389, -12.4148

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.5130, 28.3411, -83.7649



116.6260, 27.2994, -29.4900



121.7140, -16.1280, 39.7158



118.6820, -24.4932, 16.0649

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95.5130, 28.3411, -83.7649



176.3640, 11.1595, -32.7682



91.8630, -36.4145, -80.5639



86.1870, 6.3168, -19.4580



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5130, 28.3411, -83.7649



124.2370, 36.8582, -108.9558



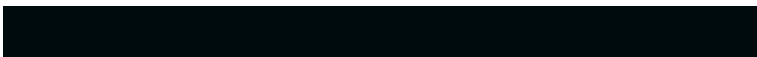
52.0750, 49.7560, -45.6698



74.0210, 1.4686, -4.4034



87.5740, 25.8460, -76.8024



7.9390, 2.4951, -6.9625

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.9090, 35.5409, 80.7638



79.2230, 46.2321, 105.0444



100.9250, -49.7560, 45.6698



72.0760, 1.4415, 4.3183



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 95.5130, 28.3411, -83.7649 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 95.5130, 28.3411, -83.7649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

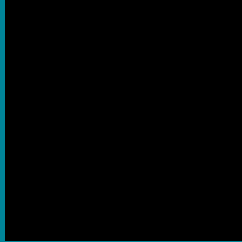
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.5130, 28.3411, -83.7649

Background



This preview shows how black text looks on a background with the YUV color 95.5130, 28.3411, -83.7649.

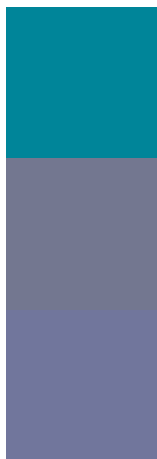


This preview shows how white text looks on a background with the YUV color 95.5130, 28.3411,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.5130, 28.3411, -83.7649

Protanopia

120.6540, 11.5096, -4.9586

Deuteranopia

120.8370, 17.3354, -6.8730



Tritanopia

95.1880, 24.5573, -83.4799

Trichromacy



Original Color

95.5130, 28.3411, -83.7649

Protanomaly

111.3730, 17.5641, -33.6531

Deuteranomaly

111.3990, 21.4953, -34.5529

Tritanomaly

95.5300, 25.8677, -83.7798

Monochromacy



Original Color

95.5130, 28.3411, -83.7649

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.5600, 10.5699, -30.3091

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5130, 28.3411, -83.7649 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 133, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 153)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 133, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 153) }
```

Border

The CSS property to change the border of an element to YUV 95.5130, 28.3411, -83.7649 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 133, 153) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 133, 153) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 133, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 95.5130, 28.3411, -83.7649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 153) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 133,  
153) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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